

**NWS FORM E-5**

(11-88)

(PRES. BY WSOM E-41)

**U.S. DEPARTMENT OF COMMERCE**

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX****MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH

YEAR

**March****2002**

SIGNATURE

**Michael K. Decker**

In Charge of HSA

TO: Hydrometeorological Information Center, W/OH2  
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DATE

**April 09, 2002**

*When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).*

☒ No flood stages were reached in this HSA for the month above.

Rainfall was above normal in March, particularly in the Big Country. On March 30<sup>th</sup> and 31<sup>st</sup>, a nearly stationary cold front stretched from Sterling City...to Robert Lee...to Dallas. Extensive rains of 2 to 4 inches occurred along and north of the front as an upper level low moved east over the region. Lake Stamford profited greatly from the rain, rising 7 feet. Reservoir storage increased from 15,000 acre feet 36,680 acre feet, with conservation capacity increasing from 28 percent to 69 percent! While the catchment of Lake Stamford allowed good increases in reservoir storage, only slight rises were noted in the Clear Fork of the Brazos.

Another significant rainfall event in March occurred earlier on the 18<sup>th</sup> and 19<sup>th</sup>, as an upper level low moved in from the west. Scattered thunderstorms produced 1 to 2 ½ inches of rainfall, with areas east of a San Angelo to Abilene line receiving 3 to 4 inches. Intense heavy rainfalls of short duration occurred on the 19<sup>th</sup> as severe storms moved across the region. Motorists in San Angelo and Brady were swept off roads due to flash flooding. No river rises occurred because of dry antecedent conditions and the fast moving nature of the storms. Rivers were near base flow at the end of March.

For the month of March, San Angelo received 1.31 inches of rain, which is 0.32 inches above normal. The total for the year is 2.73 inches (0.25 below normal). Abilene received 4.01 inches of rainfall in March, which is 2.60 inches above normal. For the year, Abilene has received 5.64 inches (2.13 inches above normal).

Except for Lake Stamford, most reservoirs remained at, or fell slightly from February levels. The Twin Buttes and O.C. Reservoirs were at 5% and 3% of conservation capacity respectively. E. V. Spence was at 11%. Other reservoir conservation capacities include: Hords Creek 35%, O.H. Ivie 45%, Fort Phantom Hill 45%, and Lake Brownwood 75%.

River Products Issued:

ESF 1

RVD 31

RVA 31

RVS 0